

FIG.1

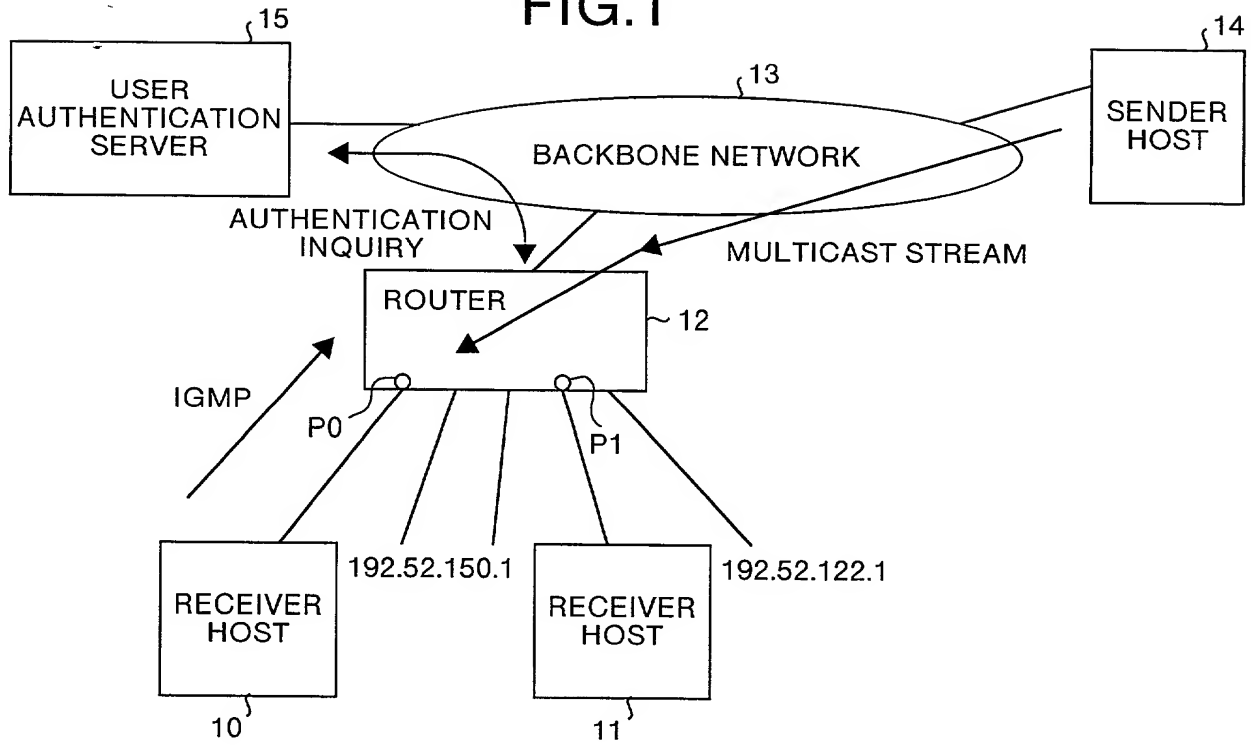


FIG.2

MULTICAST RECEIVER AUTHENTICATION TABLE

RECEIVER IP ADDRESS	GROUP ADDRESS	PE ROUTER IP ADDRESS	PE ROUTER PORT NUMBER
192.52.150.1	224.1.1.1	220.0.0.1	1
192.52.122.1	NONE (ALL ACCEPTED)	220.0.0.2	6

FIG.3

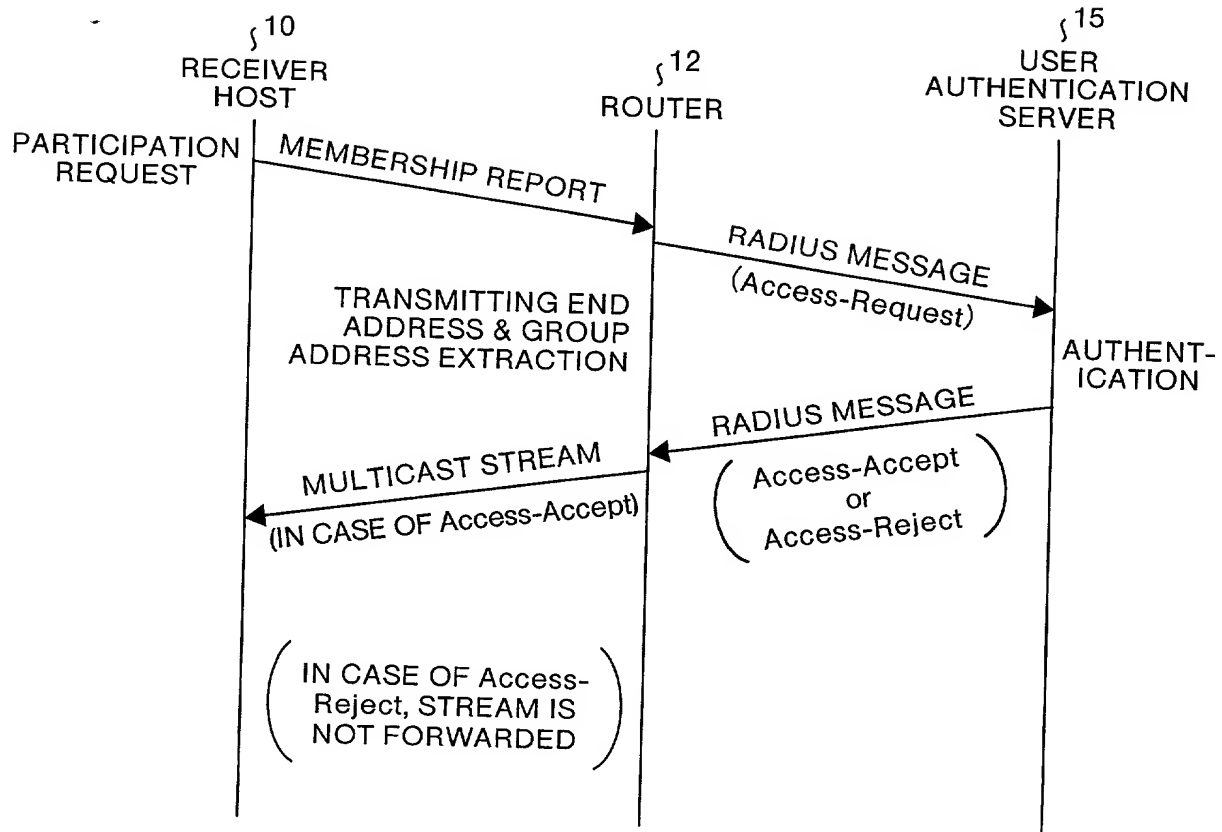


FIG.4

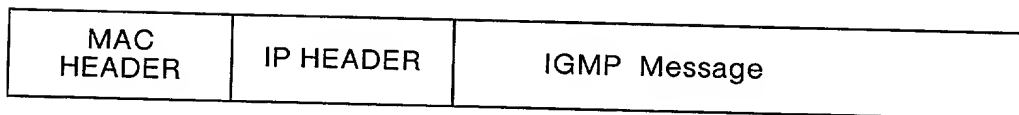


FIG.5

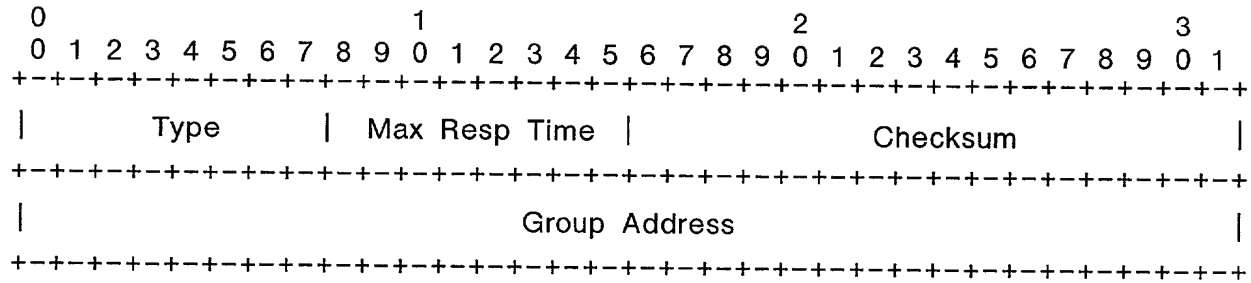
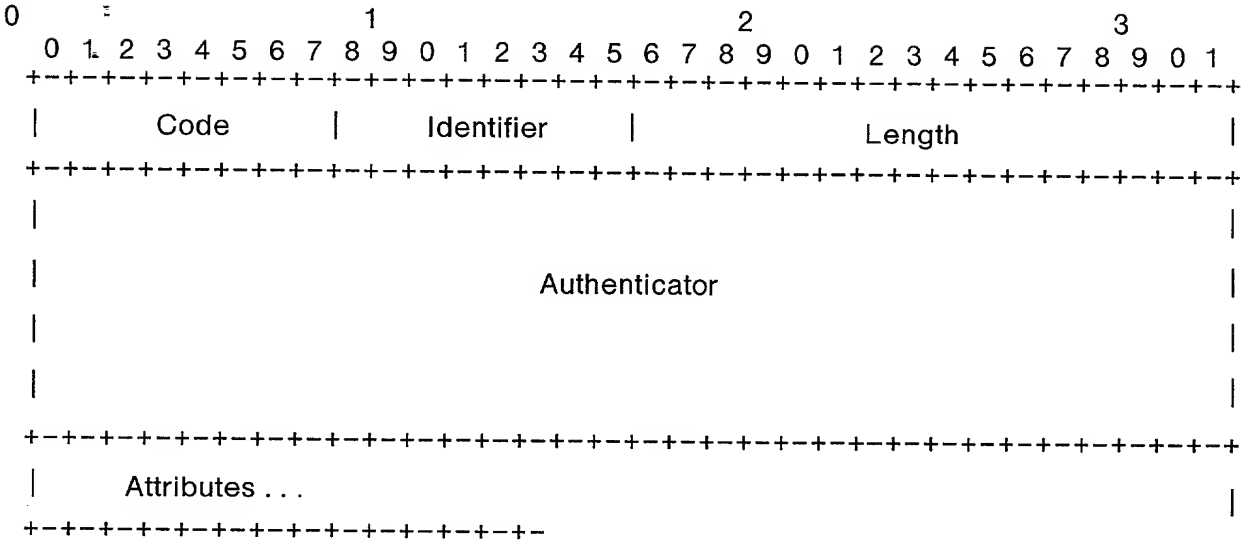


FIG.6

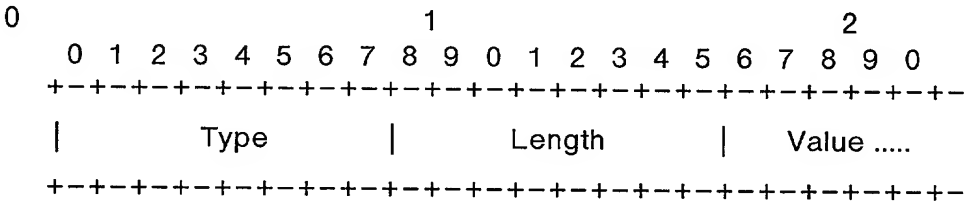


FIG.7



- Code :
- 1 Access-Request
 - 2 Access-Accept
 - 3 Access-Reject
 - 4 Accounting-Request
 - 5 Accounting-Response
- Identifier : ID IDENTIFYING MESSAGE
Length : MESSAGE LENGTH
Authenticator : DATA RECOGNIZING MESSAGE
Attributes : ATTRIBUTE VALUE

FIG.8



- Type
- 1 User-Name
 - 2 User-Password
 - 4 NAS-IP-Address
 - 5 NAS-Port
- 223 Multicast-Time-Start
224 Multicast-Time-End

5/17

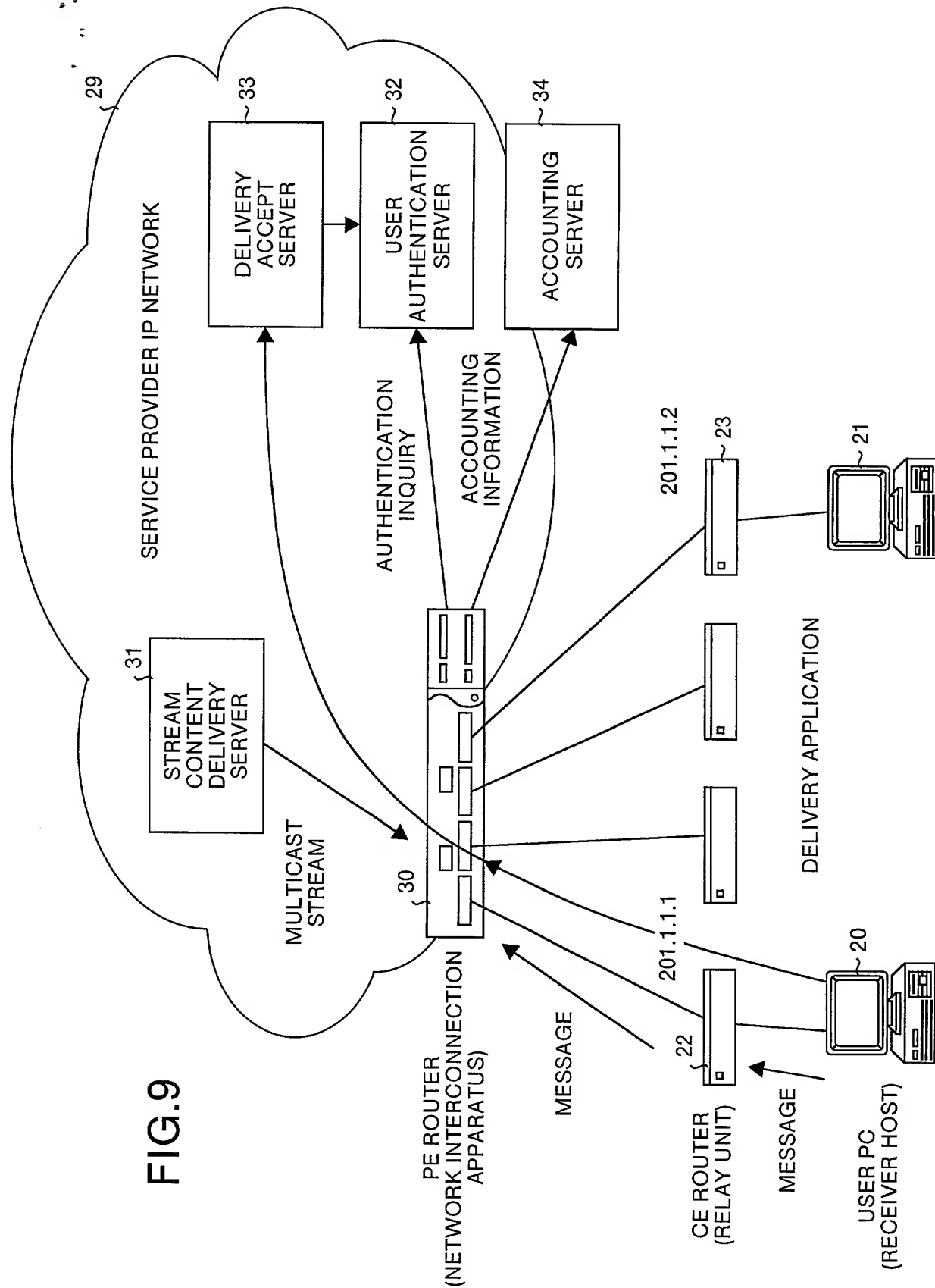


FIG. 9

FIG.10

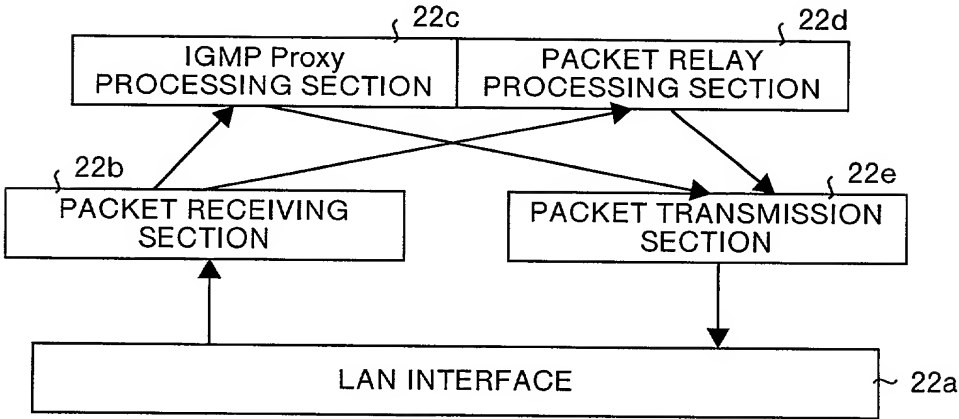


FIG.11

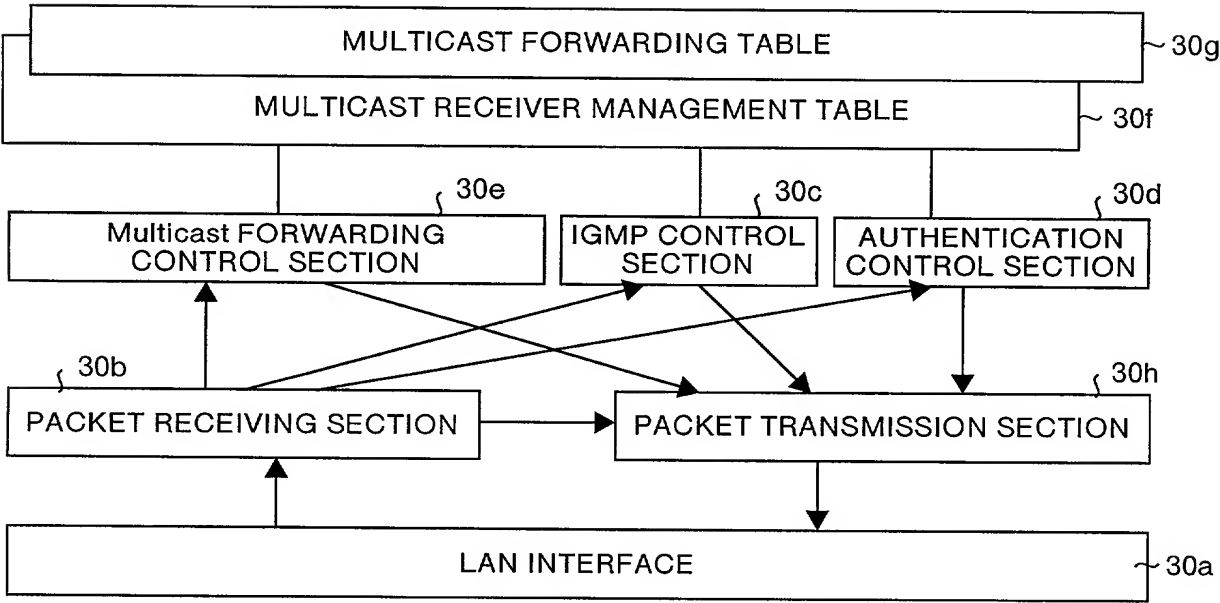


FIG.12

MULTICAST RECEIVER MANAGEMENT TABLE

GROUP ADDRESS	RECEIVER IP ADDRESS	RECEIVER PORT NUMBER	SENDER PORT NUMBER
224.1.1.1	201.1.1.1 (192.52.150.1)	1	15
224.1.1.2	201.1.1.2 (192.52.122.1)	2	16

FIG.13

MULTICAST FORWARDING TABLE

GROUP ADDRESS	RECEIVER PORT NUMBER LIST
224.1.1.1	1,3,4,6,
224.1.1.2	2,3,5,8,

FIG.14

USER AUTHENTICATION SERVER

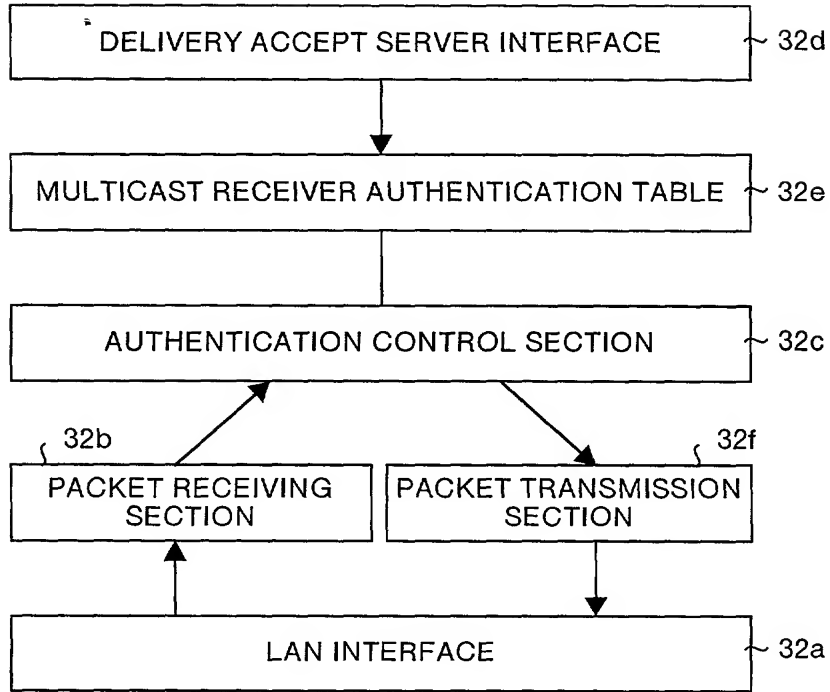
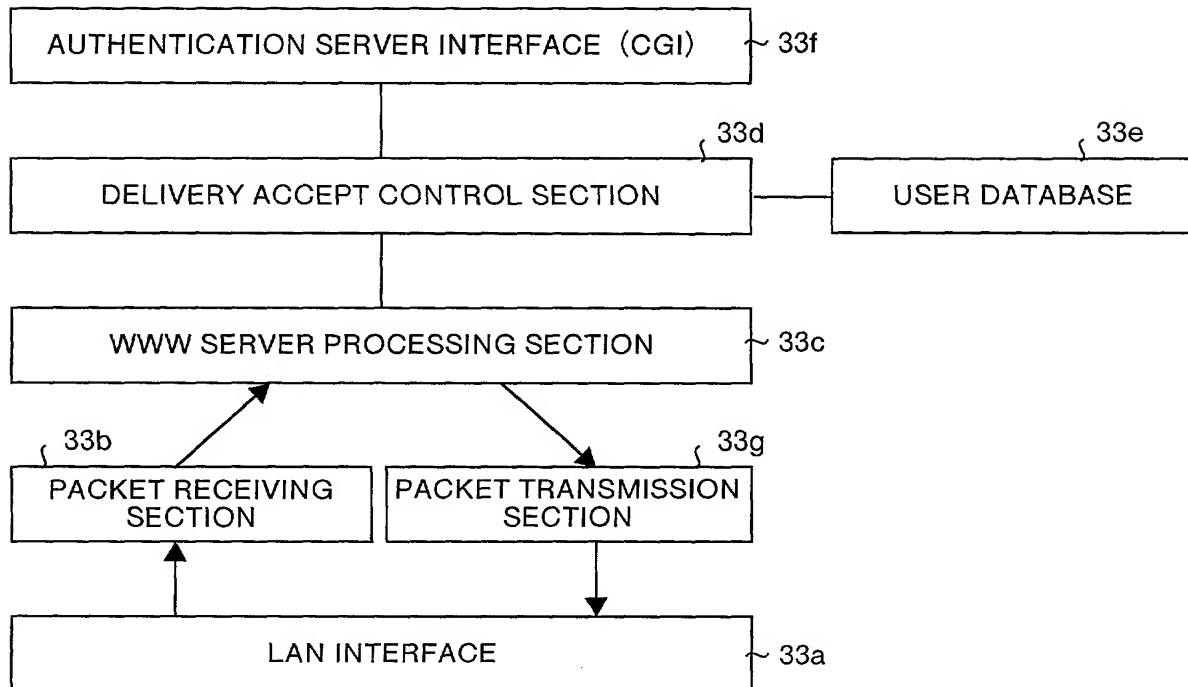


FIG.15

DELIVERY ACCEPT SERVER



9/17

FIG.16

DELIVERY RECEIVING SERVER DATABASE

USER ACCOUNT NAME	USER PASSWORD	RECEIVER IP ADDRESS	PE ROUTER IP ADDRESS	PE ROUTER PORT NUMBER
Tokyo	t2skf21er4	192.52.150.1	220.0.0.1	1
Oosaka	udfj49t8f	192.52.122.1	220.0.0.2	6

10020022 121201

10/17

FIG.17

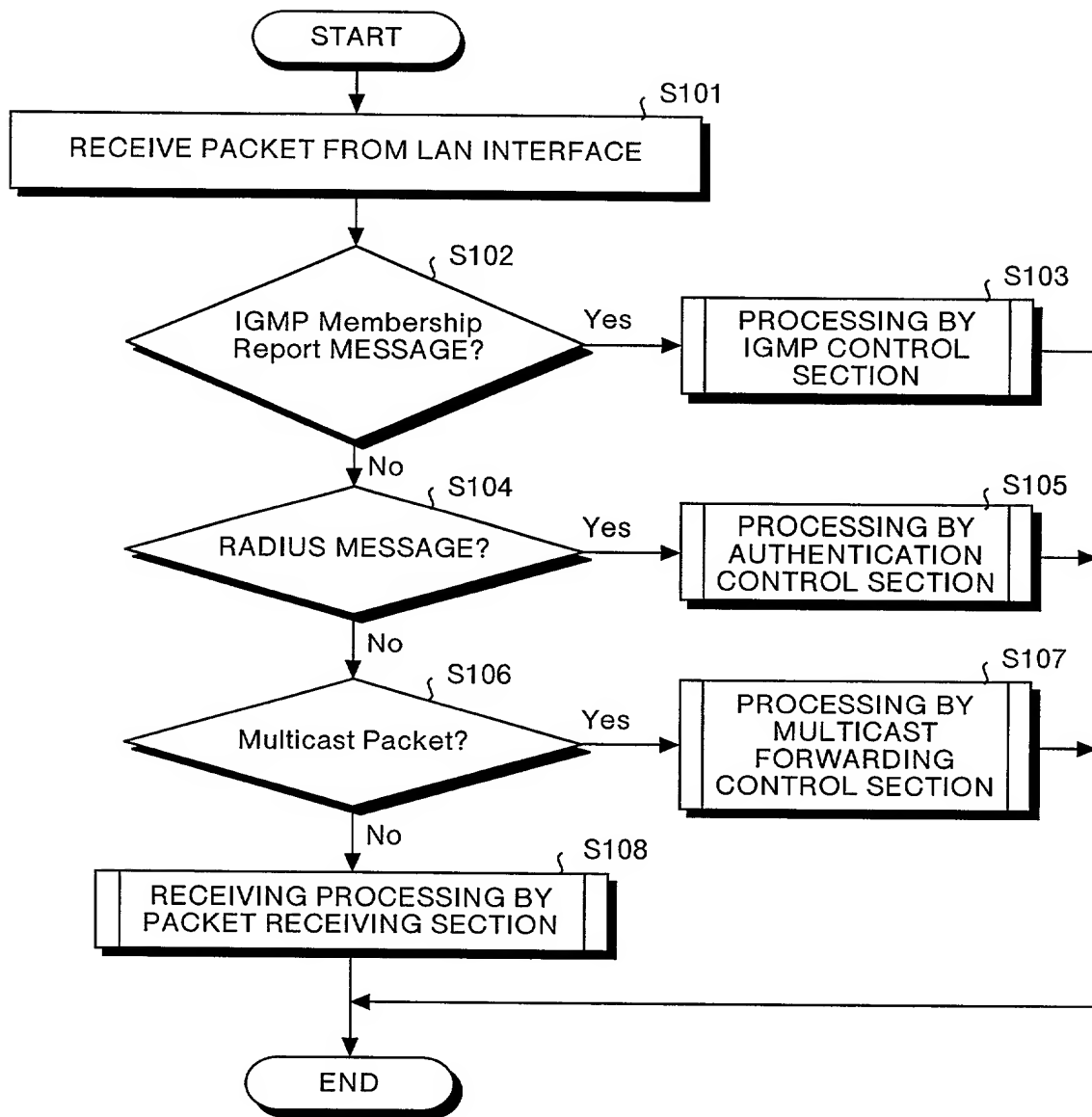


FIG. 17

FIG.18

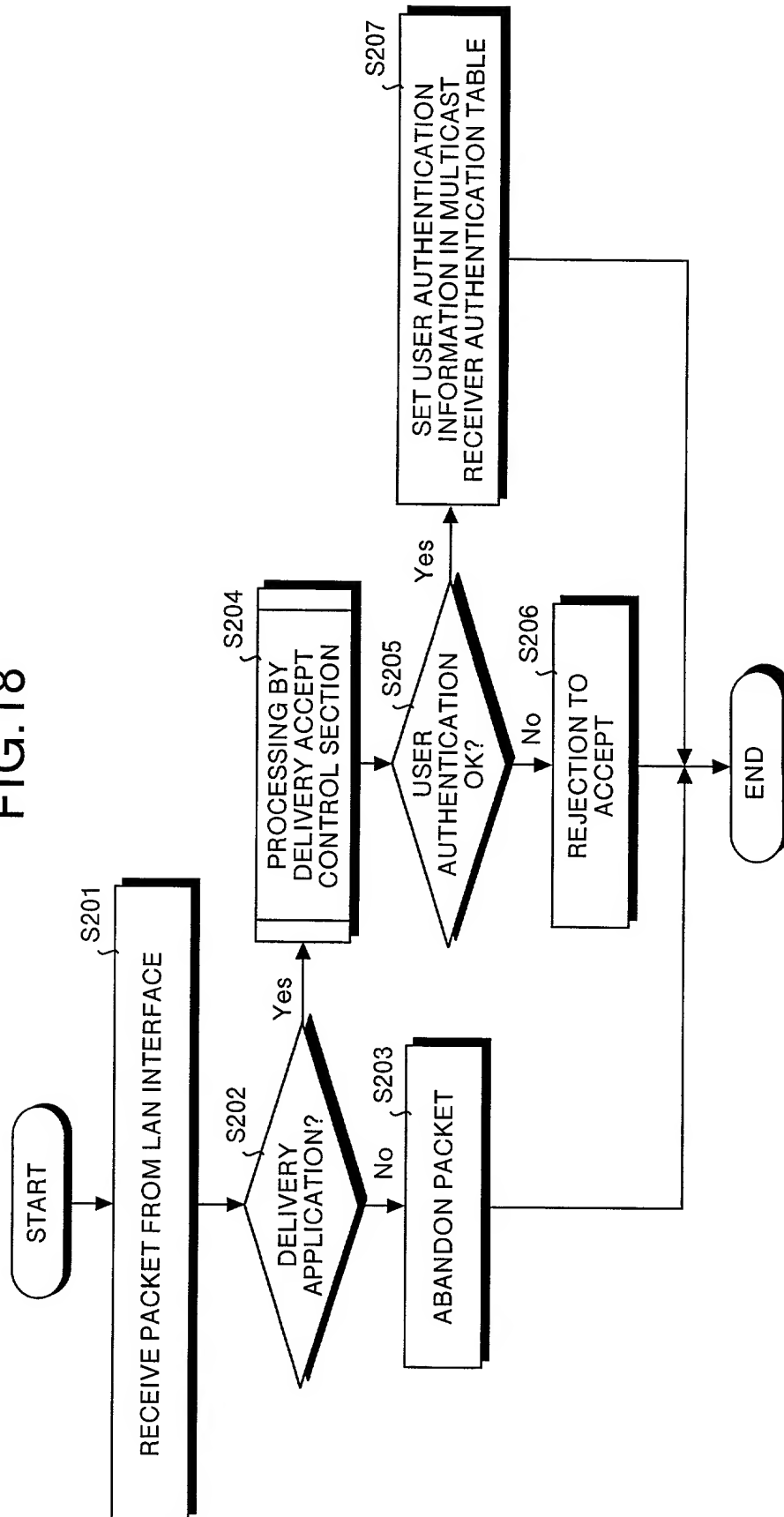
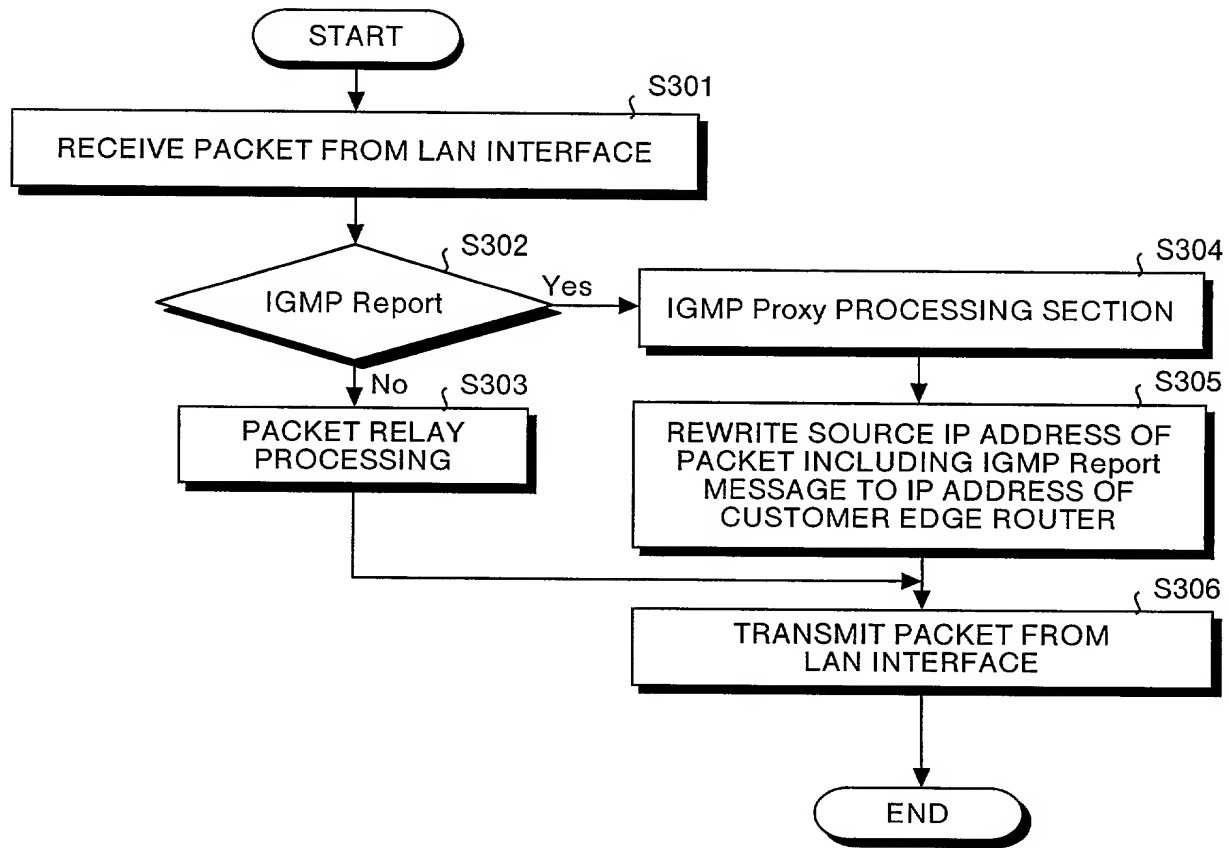


FIG.19



10020227 131801

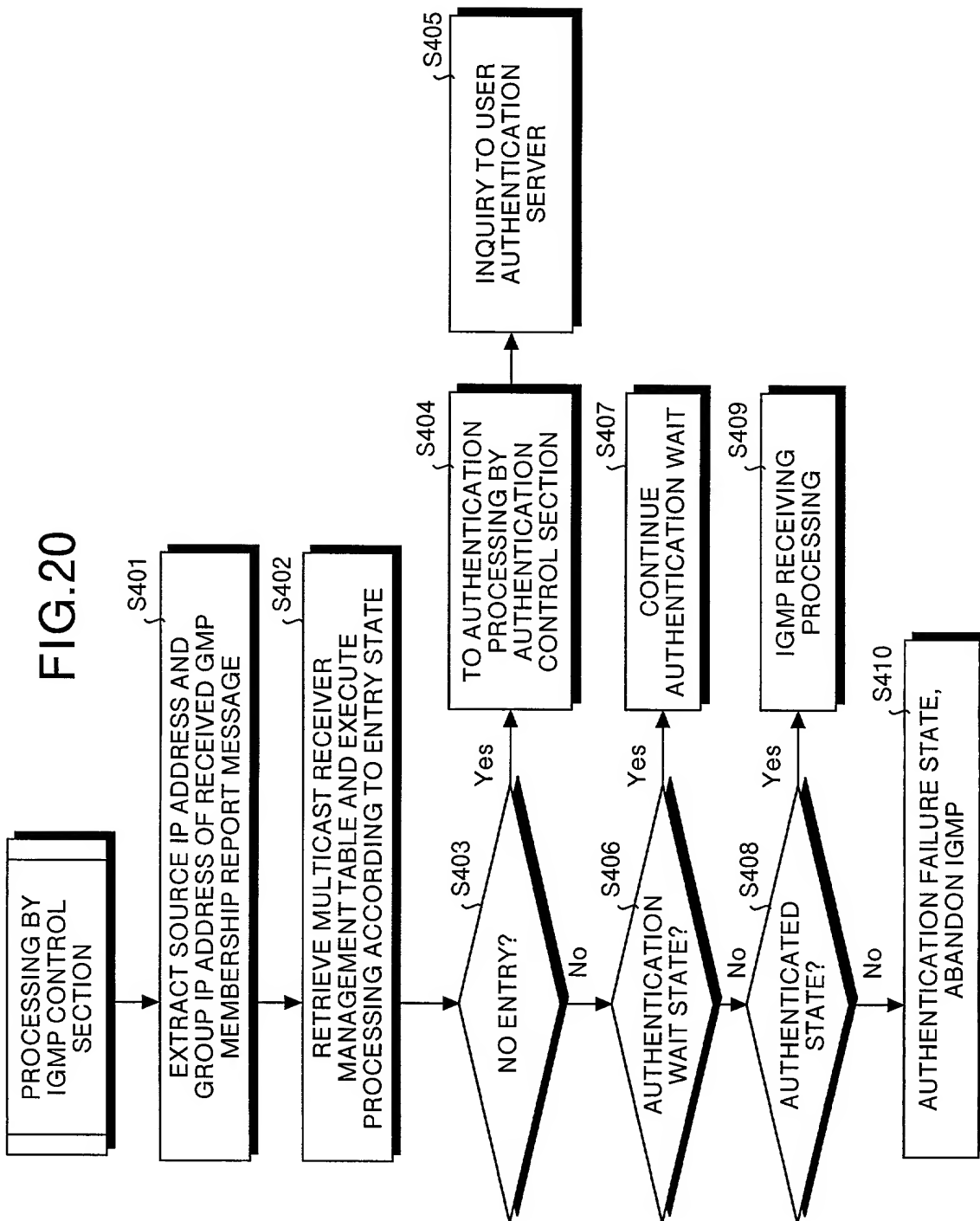


FIG.21

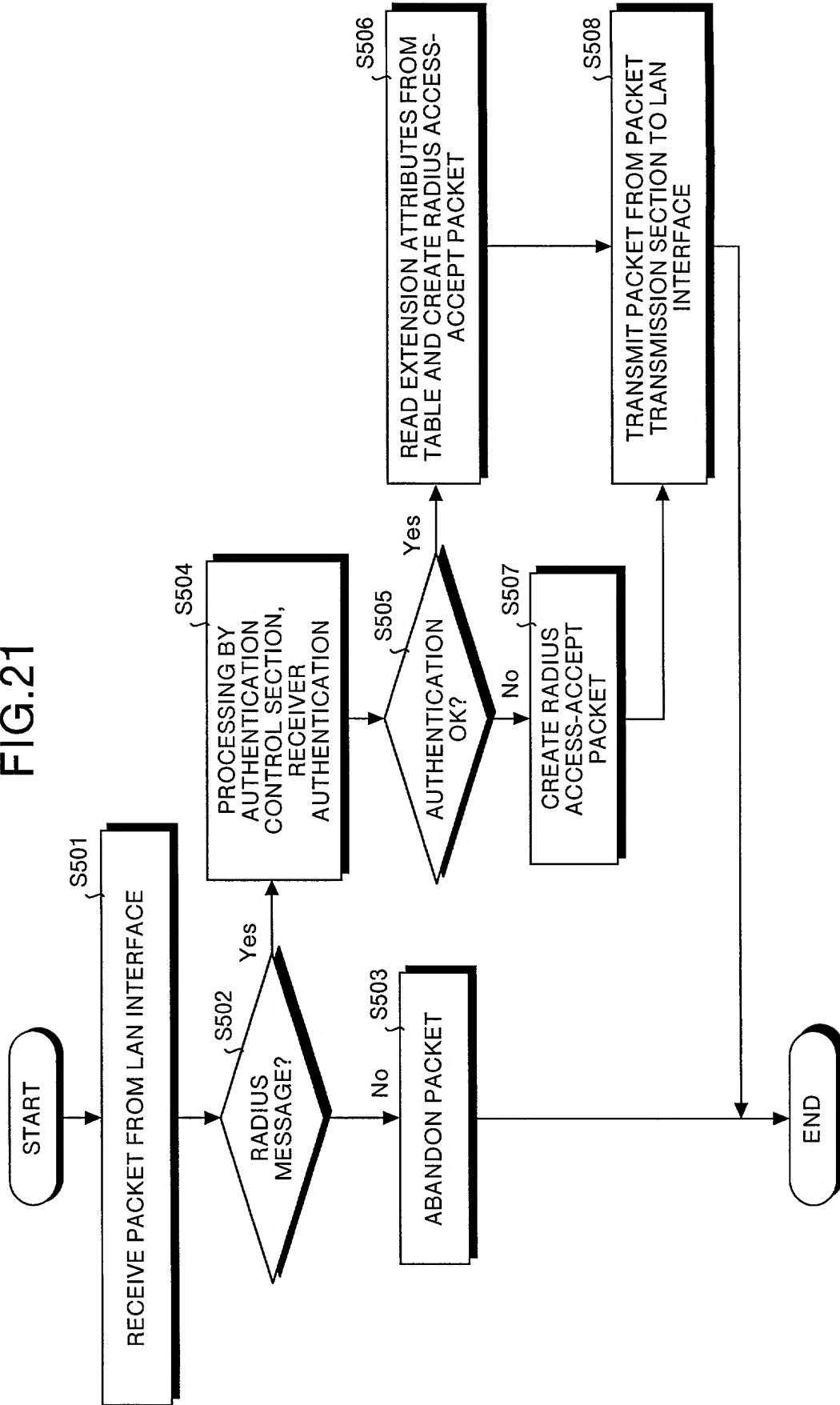


FIG.22

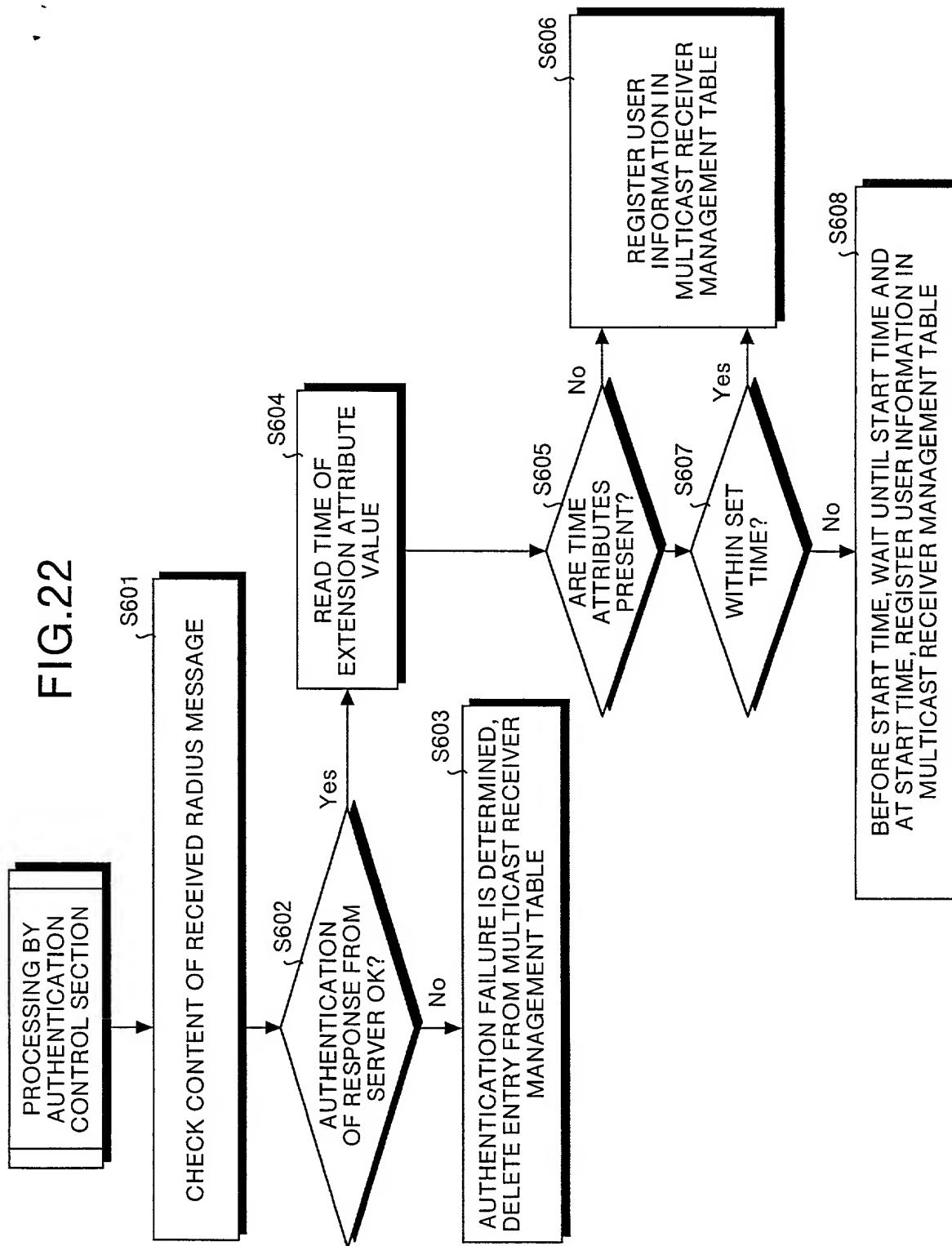


FIG.23

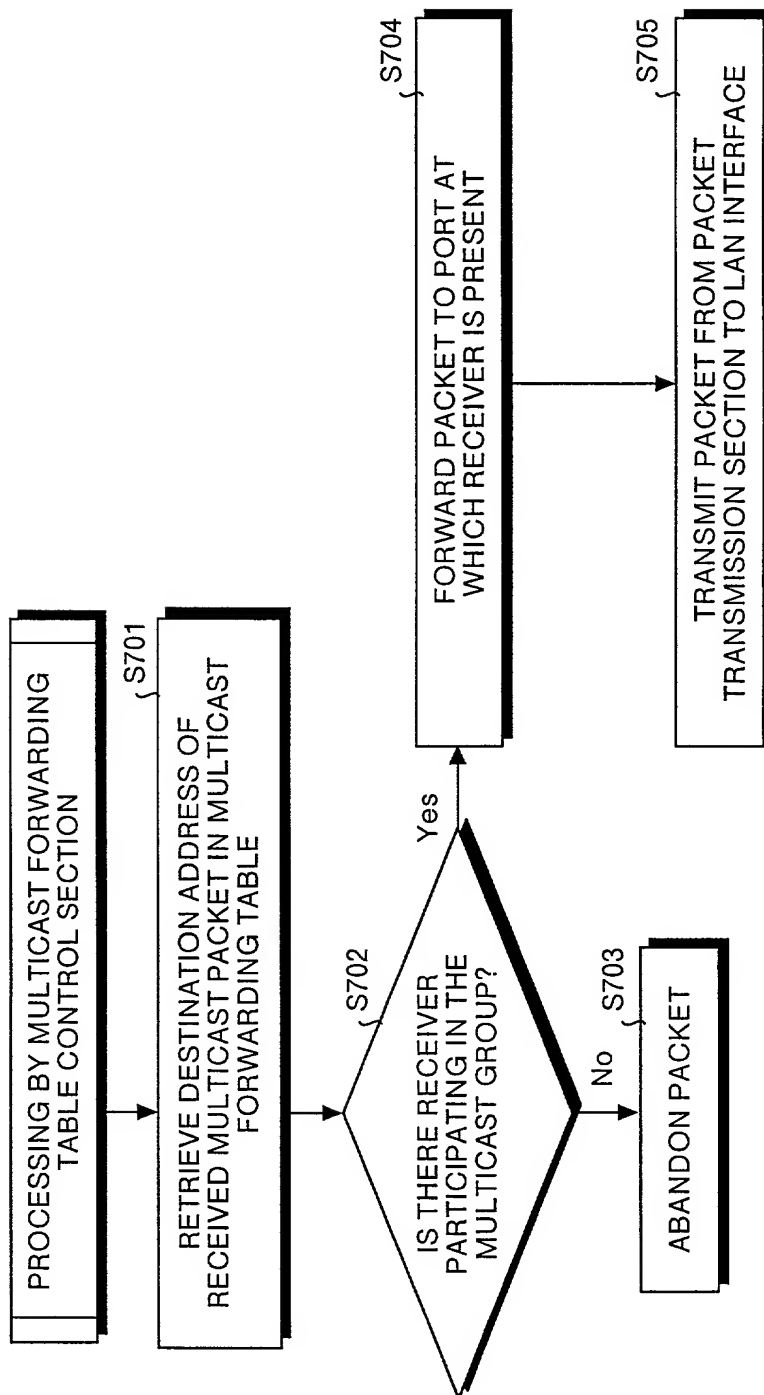


FIG.24

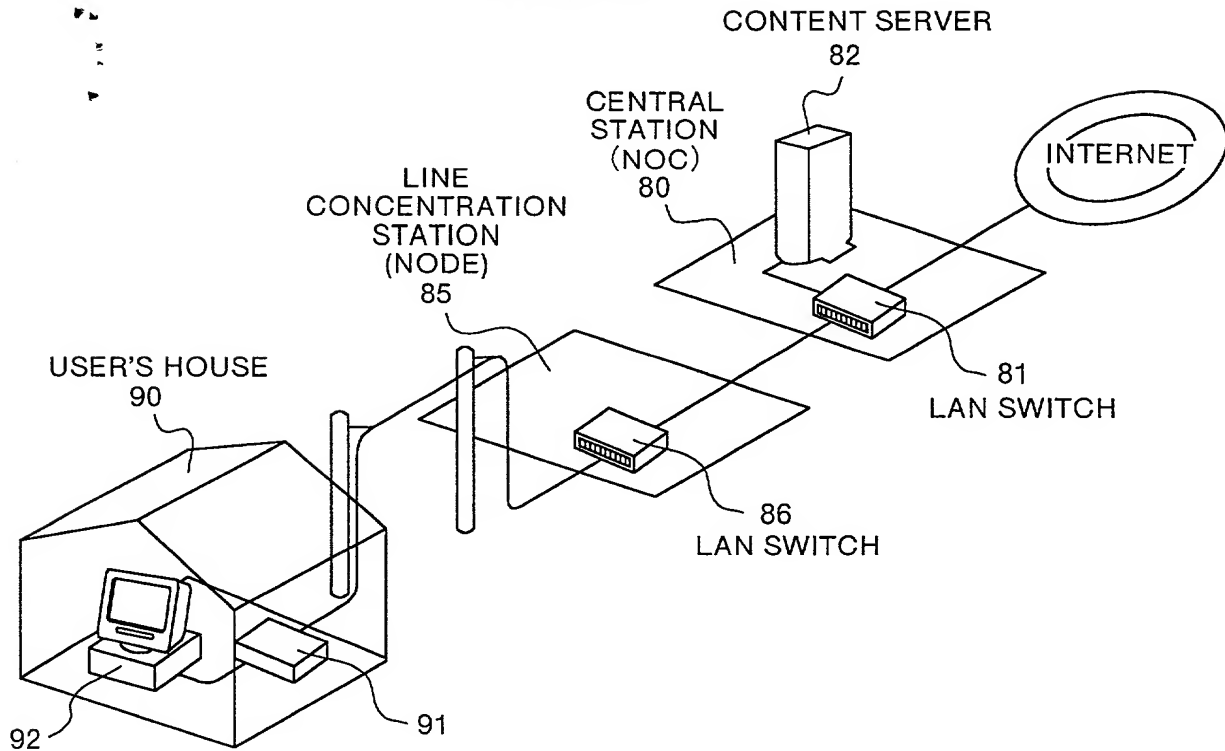


FIG.25

